BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Concrete Road and Drains at Attur Colony.

MODIFIED SCHEDULE-B

Sl. No.	Description of work	Unit	Modified Quantity	Rate in Rs.	
				In Fig	In Words
1	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. 1.4.1 In all kinds of soils Depth upto 1.5 m	Cum	825.32	371.59	Rupees Three Hundred Seventy One And Paise Fifty Nine Only
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates	Cum	119.65	6784.88	Rupees Six Thousand Seven Hundred Eighty Four And Paise Eighty Eight Only
3	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification	Tonne	15.45	89510.77	Rupees Eighty Nine Thousand Five Hundred Ten And Paise Seventy Seven Only

Sl. No.	Description of work	Unit	Modified Quantity	Rate in Rs.	
				In Fig	In Words
4	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	250.25	7521.42	Rupees Seven Thousand Five Hundred Twenty One And Paise Forty Two Only
5	Providing & fixing precast reinforced cement concrete covering slabs of 10 cm thick made of M20 with OPC cement, with 20mm and down size graded granite metal coarse aggregate @0.70 cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, including providing and removing centering, shuttering, strutting, propping etc., for edges of slabs with TMT steel (Fe500) cost of all materils, labour, all lead and lift, HOM of machinery, curing, including cost of reinforecement etc., complete as directed by the engineer in charge of the work.	Sqm	625.50	2133.95	Rupees Two Thousand One Hundred Thirty Three And Paise Ninety Five Only
6	Providing & fixing precast reinforced cement concrete covering slabs of 23 cm thick made of M25 with OPC cement @340Kgs/cum, with 20mm and down size graded granite metal coarse aggregate @0.70 cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, including providing and removing centering, shuttering, strutting, propping etc., for edges of slabs with TMT steel (Fe500) cost of all materils, labour, all lead and lift, HOM of machinery, curing, including cost of reinforecement etc., complete as directed by the engineer in charge of the work.	Sqm	37.80	5187.61	Rupees Five Thousand One Hundred Eighty Seven And Paise Sixty One Only
7	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel complete as per thew direction of Engineer in charge.	Sqm	93.56	637.82	Rupees Six Hundred Thirty Seven And Paise Eighty Two Only

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l. No.	Description of work	Unit	Modified Quantity	Rate in Rs.	
				In Fig	In Words
8	Construction of dry lean cement concrete Sub-base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 14:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 140 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 7 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing as per the direction of engineer in charge	Cum	189.01		
	Qty upto 125%	Cum	114.38	5573.82	Rupees Five Thousand Five Hundred Seventy Three And Paise Eighty Two Only
	Qty above 125%	Cum	74.63	5628.48	Rupees Five Thousand Six Hundred Twenty Eight And Paise Forty Eight Only
9	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work	Cum	189.01		
	Qty upto 125%	Cum	114.38	7651.54	Rupees Seven Thousand Six Hundred Fifty One And Paise Fifty Four Only
	Qty above 125%	Cum	74.63	7726.58	Rupees Seven Thousand Seven Hundred Twenty Six And Paise Fifty Eight Only

Sl. No.	Description of work	Unit	Modified Quantity	Rate in Rs.	
				In Fig	In Words
10	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	T Km	1252.89	90.63	Rupees Ninety And Paise Sixty Three Only
	EIRL-Items				
E-1	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. as directed by the Engineer in Charge of the work. Approved Rate	Nos	228.00	527.28	Rupees Five Hundred Twenty Seven And Paise Twenty Eight Only
E-2	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (KPWD SR 2023-24, V-III, Page No.66, Item No.8.10)	Sqm	35.91	124.70	Rupees One Hundred Twenty Four And Paise Seventy Only

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Executive Engineer
Yelahanka Division
BBMP